

FIG. 1 (Prior Art)

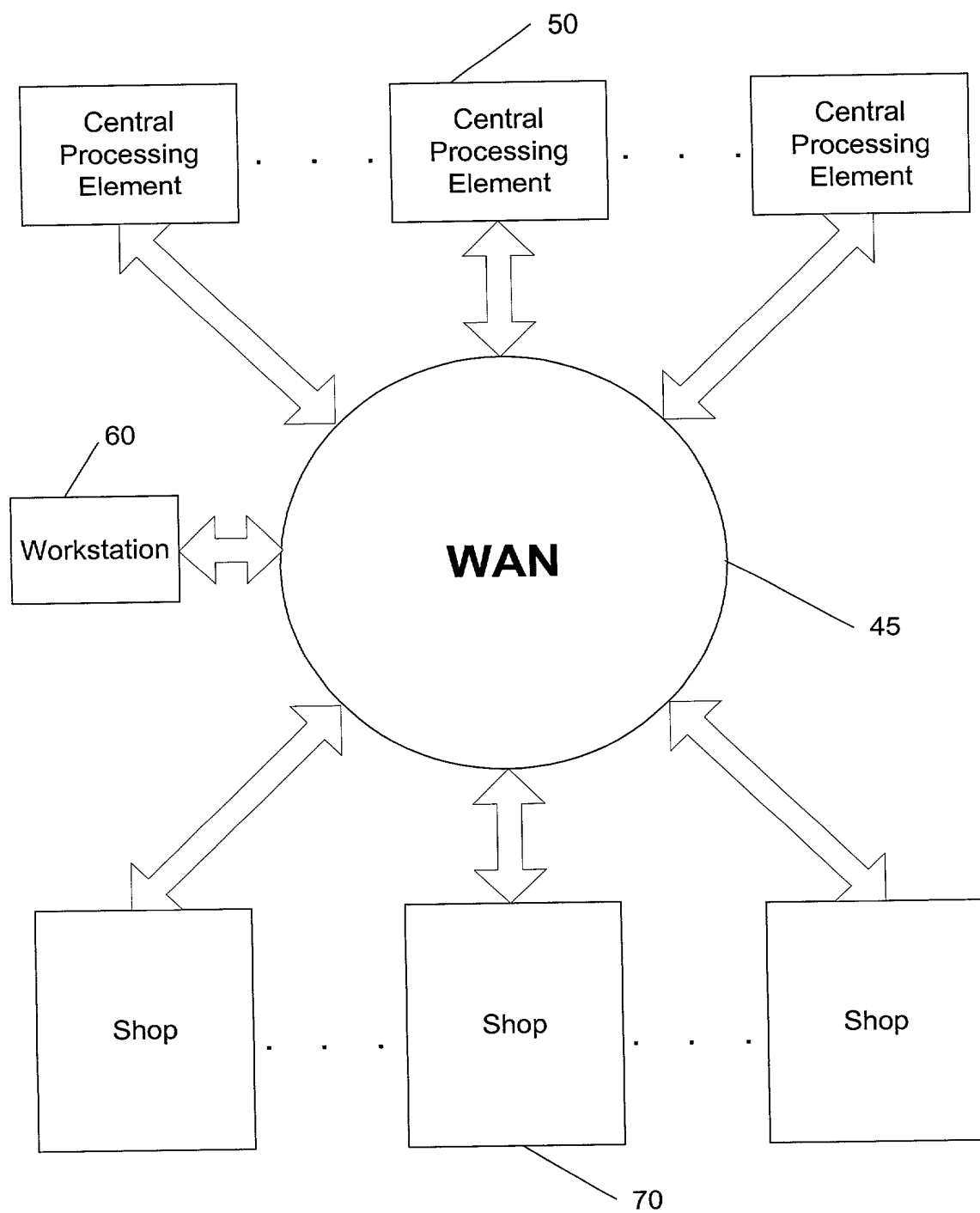


FIG. 2A

FIG. 2B

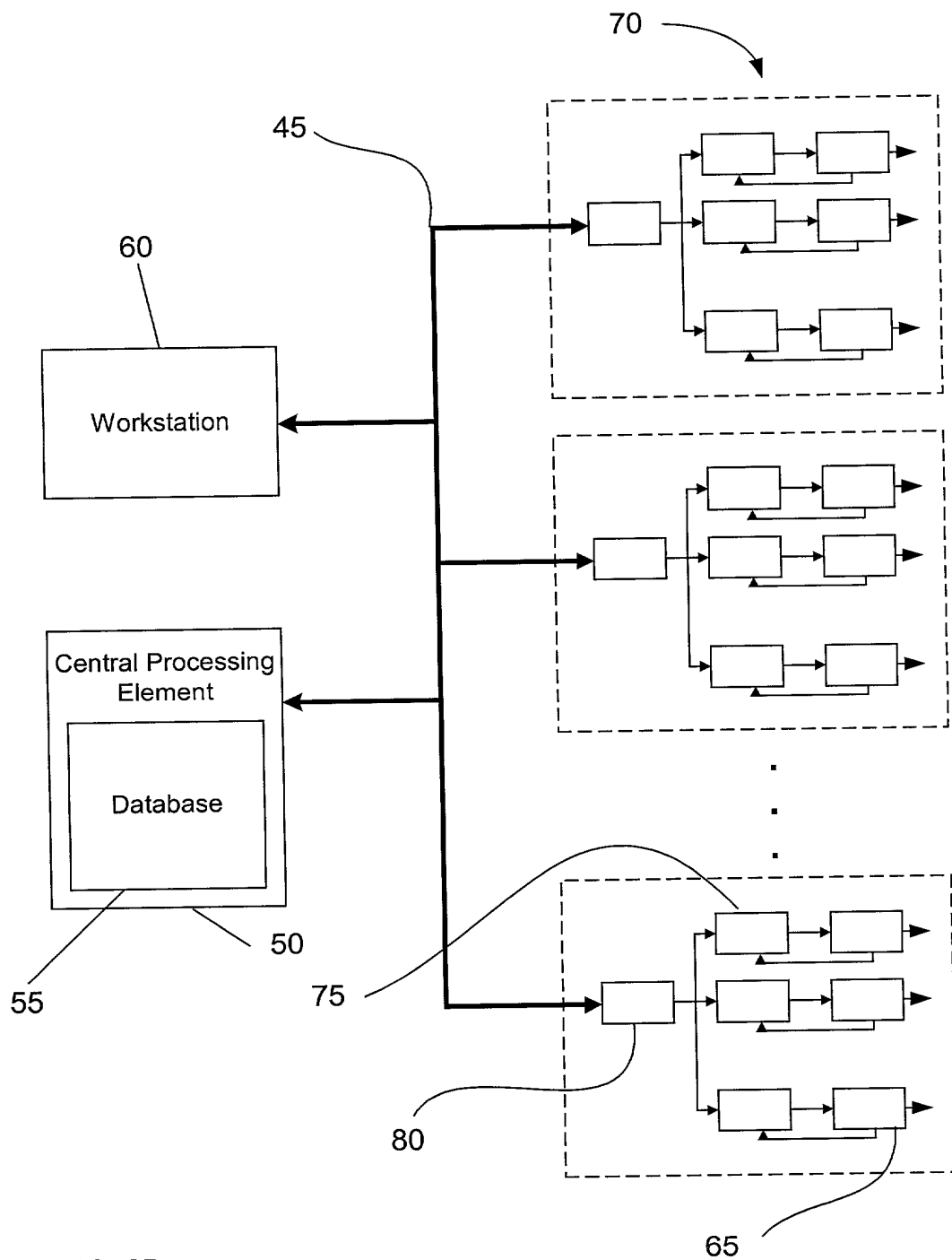


FIG. 2B

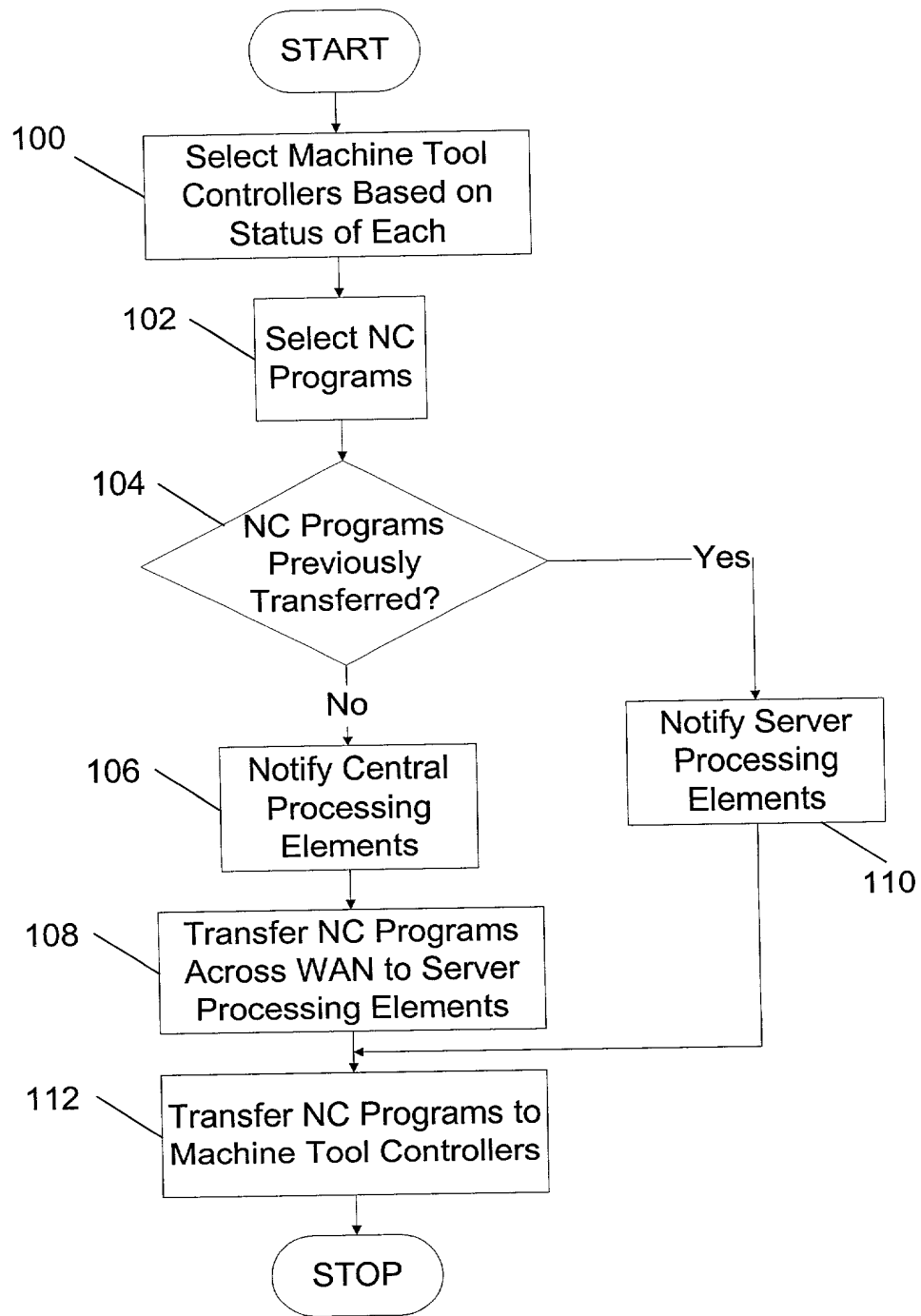


FIG. 3

The screenshot shows a Windows NT 4.0 SP5a login window. The title bar is 'Login'. The background is a blue and white pixelated pattern. The login form has three fields: 'User Name' with 'xyz12345', 'Password' with '\*\*\*\*\*', and 'Domain' with 'WICHITA USA UNIX' and 'WICHITA SINGLE GLASS UNIX' listed below it. At the bottom are 'Login' and 'Reset' buttons.

1990-1991		1991-1992		1992-1993		1993-1994		1994-1995		1995-1996		1996-1997		1997-1998		1998-1999		1999-2000		2000-2001		2001-2002		2002-2003		2003-2004		2004-2005		2005-2006		2006-2007		2007-2008		2008-2009		2009-2010		2010-2011		2011-2012		2012-2013		2013-2014		2014-2015		2015-2016		2016-2017		2017-2018		2018-2019		2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025		2025-2026		2026-2027		2027-2028		2028-2029		2029-2030		2030-2031		2031-2032		2032-2033		2033-2034		2034-2035		2035-2036		2036-2037		2037-2038		2038-2039		2039-2040		2040-2041		2041-2042		2042-2043		2043-2044		2044-2045		2045-2046		2046-2047		2047-2048		2048-2049		2049-2050		2050-2051		2051-2052		2052-2053		2053-2054		2054-2055		2055-2056		2056-2057		2057-2058		2058-2059		2059-2060		2060-2061		2061-2062		2062-2063		2063-2064		2064-2065		2065-2066		2066-2067		2067-2068		2068-2069		2069-2070		2070-2071		2071-2072		2072-2073		2073-2074		2074-2075		2075-2076		2076-2077		2077-2078		2078-2079		2079-2080		2080-2081		2081-2082		2082-2083		2083-2084		2084-2085		2085-2086		2086-2087		2087-2088		2088-2089		2089-2090		2090-2091		2091-2092		2092-2093		2093-2094		2094-2095		2095-2096		2096-2097		2097-2098		2098-2099		2099-2100		2100-2101		2101-2102		2102-2103		2103-2104		2104-2105		2105-2106		2106-2107		2107-2108		2108-2109		2109-2110		2110-2111		2111-2112		2112-2113		2113-2114		2114-2115		2115-2116		2116-2117		2117-2118		2118-2119		2119-2120		2120-2121		2121-2122		2122-2123		2123-2124		2124-2125		2125-2126		2126-2127		2127-2128		2128-2129		2129-2130		2130-2131		2131-2132		2132-2133		2133-2134		2134-2135		2135-2136		2136-2137		2137-2138		2138-2139		2139-2140		2140-2141		2141-2142		2142-2143		2143-2144		2144-2145		2145-2146		2146-2147		2147-2148		2148-2149		2149-2150		2150-2151		2151-2152		2152-2153		2153-2154		2154-2155		2155-2156		2156-2157		2157-2158		2158-2159		2159-2160		2160-2161		2161-2162		2162-2163		2163-2164		2164-2165		2165-2166		2166-2167		2167-2168		2168-2169		2169-2170		2170-2171		2171-2172		2172-2173		2173-2174		2174-2175		2175-2176		2176-2177		2177-2178		2178-2179		2179-2180		2180-2181		2181-2182		2182-2183		2183-2184		2184-2185		2185-2186		2186-2187		2187-2188		2188-2189		2189-2190		2190-2191		2191-2192		2192-2193		2193-2194		2194-2195		2195-2196		2196-2197		2197-2198		2198-2199		2199-2200		2200-2201		2201-2202		2202-2203		2203-2204		2204-2205		2205-2206		2206-2207		2207-2208		2208-2209		2209-2210		2210-2211		2211-2212		2212-2213		2213-2214		2214-2215		2215-2216		2216-2217	
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Welcome User web4nc

Select Shop

3154  
318B  
3181  
3186  
318C

OK

Tips

Help Desk

Logout

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FIG. 4B

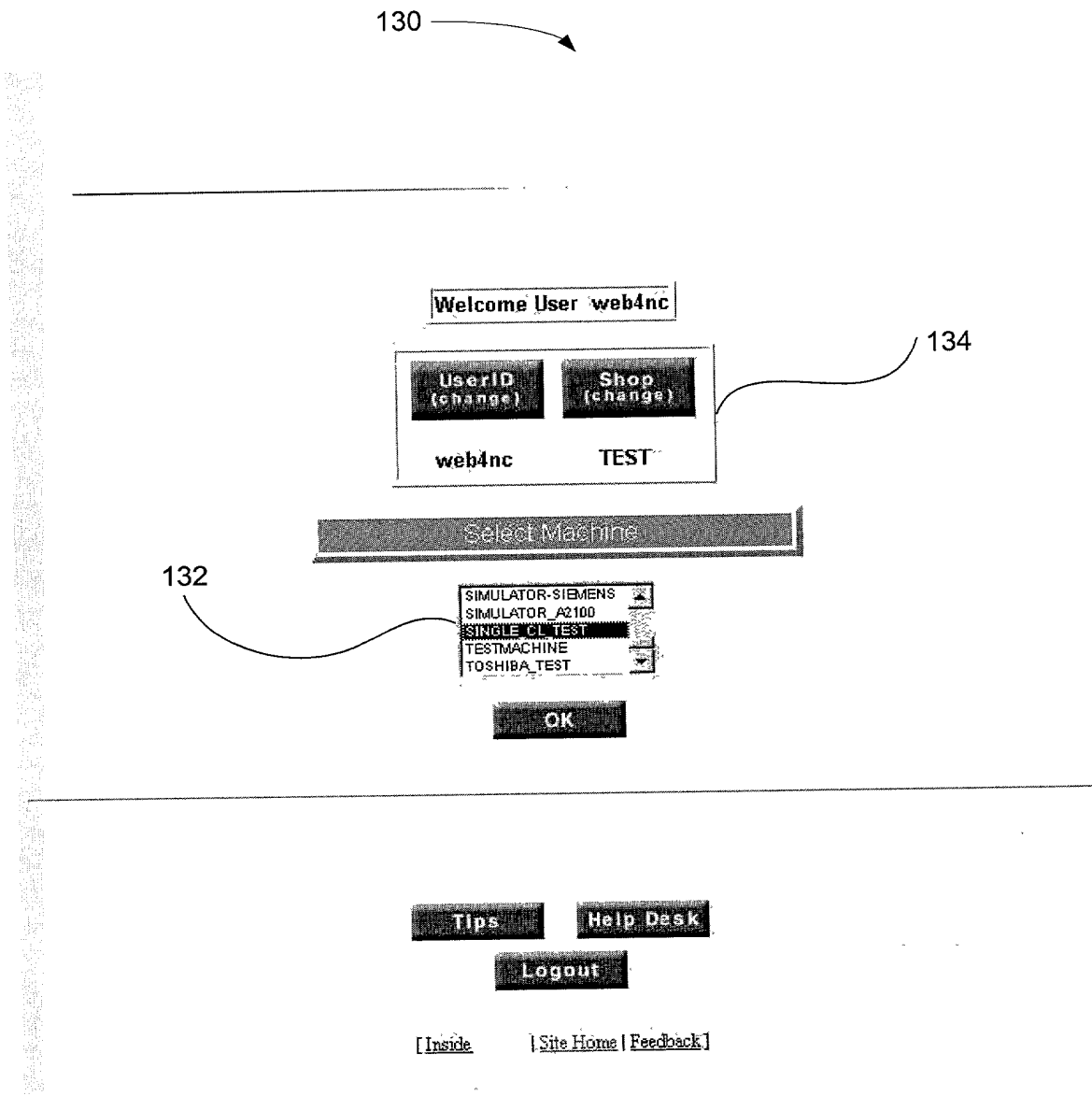


FIG. 4C

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UserID (change)	Shop (change)	Machine (change)
web4nc	TEST	SINGLE_CL_TEST

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Enter Search Criteria						
Part Number	Pkg. Seq.	OpCode	Tool Code	FWC	MCD Gen	
webdnc*		-				
Wildcard search example. (Any number of boxes can be used.)						
141w*-10*			1wk9			
Search Machine's Partbin <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Search CAM/DNC's Database						
<input type="button" value="search"/>						

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<input type="button" value="Tips"/>	<input type="button" value="Help Desk"/>
<input type="button" value="Logout"/>	

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FIG. 4D



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Select a Part and then press desired Function Button

download

crossload

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delete

	Part Number	Pkg.	Seq.	OpCode	Tool Code	REV	FWC	MCD Gen	Source	Status
<input type="checkbox"/>	<u>WEBDNC-33</u>	100	-	1	1WYV	QCT1S2	REV001	CFEQ	AMI	Database: Held
<input type="checkbox"/>	<u>WEBDNC-33</u>	100	-	1	1WYV	QCT1S2	REV001	CFEQ	AMI	PartBin
<input type="checkbox"/>	<u>WEBDNC-GL-356T</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	GGL3S1	Database: Released
<input checked="" type="checkbox"/>	<u>WEBDNC-GL-356T</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	GGL3S1	PartBin
<input type="checkbox"/>	<u>WEBDNC-HL-A6106</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	LIN6S1	Database: Released
<input type="checkbox"/>	<u>WEBDNC-HL-A6106</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	LIN6S1	PartBin
<input checked="" type="checkbox"/>	<u>WEBDNC-IPAC-A6335</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	BROTU1	Database: Released
<input type="checkbox"/>	<u>WEBDNC-NEOS-132W</u>	1	-	1	ZDNC	DNC	REV001	ZDNC	NEOSDR	Database: Released
<input checked="" type="checkbox"/>	<u>WEBDNC-NEOS-A6612</u>	1	-	1	ZDNC	DNC	REV001	ZDNC	NEOSD2	Database: Released
<input type="checkbox"/>	<u>WEBDNC-ROBO-A6914</u>	1	-	*	ZDNC	ZDNC	REV001	ZDNC	ROBPOL	Database: Released

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Tips

Help Desk

Logout

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FIG. 4E

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Select a Part and then press desired Function Button

download crossload delete

	Part Number	Pkg.	Seq.	OpCode	Tool Code	REV	FWC	MCD Gen	Source	Status
<input type="checkbox"/>	<u>WEBDNC-33</u>	100	-	1	1WYV	QCT1S2	REV001	CFEQ	AMI	Database Held
<input type="checkbox"/>	<u>WEBDNC-33</u>	100	-	1	1WYV	QCT1S2	REV001	CFEQ	AMI	PartBin
<input type="checkbox"/>	<u>WEBDNC-GL-356T</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	GGL3S1	Database Released
<input type="checkbox"/>	<u>WEBDNC-GL-356T</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	GGL3S1	PartBin Crossloaded
<input type="checkbox"/>	<u>WEBDNC-HL-A6106</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	LIN6S1	Database Released
<input type="checkbox"/>	<u>WEBDNC-HL-A6106</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	LIN6S1	PartBin
<input type="checkbox"/>	<u>WEBDNC-IPAC-A6335</u>	1	-	1	ZDNC	ZDNC	REV001	ZDNC	BR0TU1	Database Released
<input type="checkbox"/>	<u>WEBDNC-NEOS-132W</u>	1	-	1	ZDNC	DNC	REV001	ZDNC	NEOSDR	Database Released
<input type="checkbox"/>	<u>WEBDNC-NEOS-A6612</u>	1	-	1	ZDNC	DNC	REV001	ZDNC	NEOSD2	Database Released
<input type="checkbox"/>	<u>WEBDNC-ROBO-A6914</u>	1	-	*	ZDNC	ZDNC	REV001	ZDNC	ROBPOL	Database Released

Tips Help Desk

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FIG. 4F